

US 101 Regional Circulation Project Intelligent Transportation Systems (ITS)

Considerable congestion occurs in Aberdeen, Hoquiam and Cosmopolis on the state highways linking these communities during bridge openings, train crossings and high travel periods to and from the ocean beaches. In addition, there are critical high accident intersections where apparent traffic violations occur. Recommended operational improvements to help alleviate the congestion and accident problem include installation of ITS at strategic locations. Strategies could include installation of Variable Message Signs or Highway Advisory Radio to alert travelers of potential or existing problem areas so that they can take alternate routes to avert the problem area.

Recommended traffic accident reduction strategy would include installation of Photo Detection Cameras at critical accident locations to identify traffic regulation violators by license plate identification.

Possible ITS elements include:

- Variable Message Signs
- Closed Circuit Television
- Highway Advisory Radio
- Data Station
- Road/Weather Information System
- Photo Detection Cameras

The recommendations for this ITS project include a planning phase analysis where actual locations and configurations would be confirmed upon further analysis during final design. Specific locations for installation of ITS and Photo Detection Cameras would be determined by WSDOT.